

WE CLAIM:

1. An integrally formed absorbent web or material comprising at least two zones in plane and at least two zones out of plane in the Z-direction, wherein said integrally formed
5 web or material demonstrates greater than 25 percent of the total liquid in the web or material above 5 cm in height after the second insult, with a run-off of less than 10 g in accordance with the MIST test.
- 10 2. The integrally formed absorbent web or material of claim 1 comprising at least two zones in plane and at least three zones out of plane in the Z-direction.
3. The integrally formed absorbent web or material of claim 1 wherein said integrally
15 formed web or material demonstrates greater than 30 percent of the total liquid in the material above 5 cm in height after the second insult, with a run-off of less than 6 g in accordance with the MIST test.
4. The integrally formed absorbent web or material of claim 1 wherein the integrally
20 formed web or material demonstrates greater than 32 percent of the total liquid in the material above 5 cm in height after the second insult, with a run-off of less than 4 g in accordance with the MIST test.
5. The integrally formed absorbent web or material of claim 1 wherein the integrally
25 formed web or material demonstrates greater than 25 percent of the total liquid in the material above 5 cm in height after the third insult, with a run-off of less than 30 g in accordance with the MIST test.
6. The integrally formed absorbent web or material of claim 1 wherein the integrally
30 formed web or material demonstrates greater than 30 percent of the total liquid in the material above 5 cm in height after the third insult, with a run-off of less than 20 g in accordance with the MIST test.
7. The integrally formed absorbent web or material of claim 1 wherein the integrally
formed web or material demonstrates greater than 35 percent of the total liquid in the

material above 5 cm in height after the third insult, with a run-off of less than 15 g in accordance with the MIST test.

8. The integrally formed absorbent web or material of claim 1 wherein the integrally
5 formed web or material demonstrates greater than 25 percent of the total liquid in the material above 5 cm in height after the fourth insult, with a run-off of less than 45 g in accordance with the MIST test.

9. The integrally formed absorbent web or material of claim 1 wherein the integrally
10 formed web or material demonstrates greater than 35 percent of the total liquid in the material above 5 cm in height after the fourth insult, with a run-off of less than 35 g in accordance with the MIST test.

10. The integrally formed absorbent web or material of claim 1 wherein the integrally
15 formed web demonstrates greater than 40 percent of the total liquid in the material above 5 cm in height after the fourth insult, with a run-off of less than 25 g in accordance with the MIST test.

11. An integrally formed absorbent material composed of at least two zones in-plane,
20 one being a target in plane zone, the other being a non-target in plane zone, and at least two zones out-of-plane, with two adjacent out of plane zones having a z-directional permeability difference of at least 40 um^2 .

12. The integrally formed absorbent material of claim 11 wherein said in plane zones
25 demonstrate permeability differences of greater than about 40 um^2 and said out of plane zones demonstrate a permeability difference of greater than about 54 um^2 .

13. The integrally formed absorbent material of claim 11 wherein said absorbent
material includes a user facing surface and a garment facing surface, and wherein said
30 out of plane zone on said user facing surface demonstrates a higher permeability than said out of plane zone closest to said garment facing surface.

14. The integrally formed absorbent material of claim 11 wherein said target in plane
zone demonstrates a higher permeability than said non-target in plane zones.

15. An integrally formed absorbent material composed of at least two zones in-plane and at least two zones out-of-plane with a target zone permeability of at least about $50\mu\text{m}^2$.

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16. An integrally formed absorbent material composed of at least two zones in-plane and at least two zones out-of-plane in which two adjacent zones have different pulp fibers such that the coarseness ratio of the two fibers is >1 .

10 17. An integrally formed absorbent material composed of at least two in plane zones and at least two out of plane zones in the z-direction in which two adjacent zones have substantially different types of fibers wherein the different types of fibers vary in their contact angle, so as to create a difference in the capillary pressure between adjacent zones in order to improve fluid movement from one zone to another.

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18. An integrally formed absorbent material composed of at least two in plane zones and at least two out of plane zones in the z-direction in which one or more of the zones contains a material designed to decrease the ionic strength of a body exudate.

20 19. An integrally formed absorbent material composed of at least two in plane zones and at least two out of plane zones in the z-direction in which one or more of the zones contains a material designed to substantially increase or decrease the viscosity or viscoelasticity of a body exudate.

25 20. An integrally formed absorbent web or material in accordance with claim 1 wherein at least one of said in plane zones includes an active agent.

21. An integrally formed absorbent web or material in accordance with claim 1, which is incorporated into an absorbent article.

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